COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

is attached hereto.

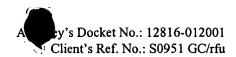
My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND APPARATUS OF DETERMINING PROPERTIES OF A SIGNAL TRANSMISSION CHANNEL, the specification of which:

the state of the three that the state of the	[X]	was filed on May 9, 2001 as Application Serial No. 09/831,478 and was amended on			
	[X]			national Application NoEP99/ under PCT Article 19 on	
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.				
	I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.				
	I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other that the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:				
	Count	ry	Application No.	Filing Date	Priority Claimed
## ##	EPO) –	98121134.5	November 10, 1998	[X] Yes [] No
	I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:				
ı.	Frank R. Occhiuti, Reg. No. 35,306		Faustino A. Lichauco, Reg. No. 41.942		
	Address all telephone calls to FAUSTINO A. LICHAUCO at telephone number (617) 542-5070.				
	Address all correspondence to FAUSTINO A. LICHAUCO at:				
	FISH & RICHARDSON P.C.				
	225 Franklin Street				
	Boston, MA 02110-2804				
	I handry declare that all statements made hands of my averaged as one two and that all statements				

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.





Date: 10-8-81

Combined Declaration and Power of Attorney

Page 2 of 2 Pages

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